

FIG. 1

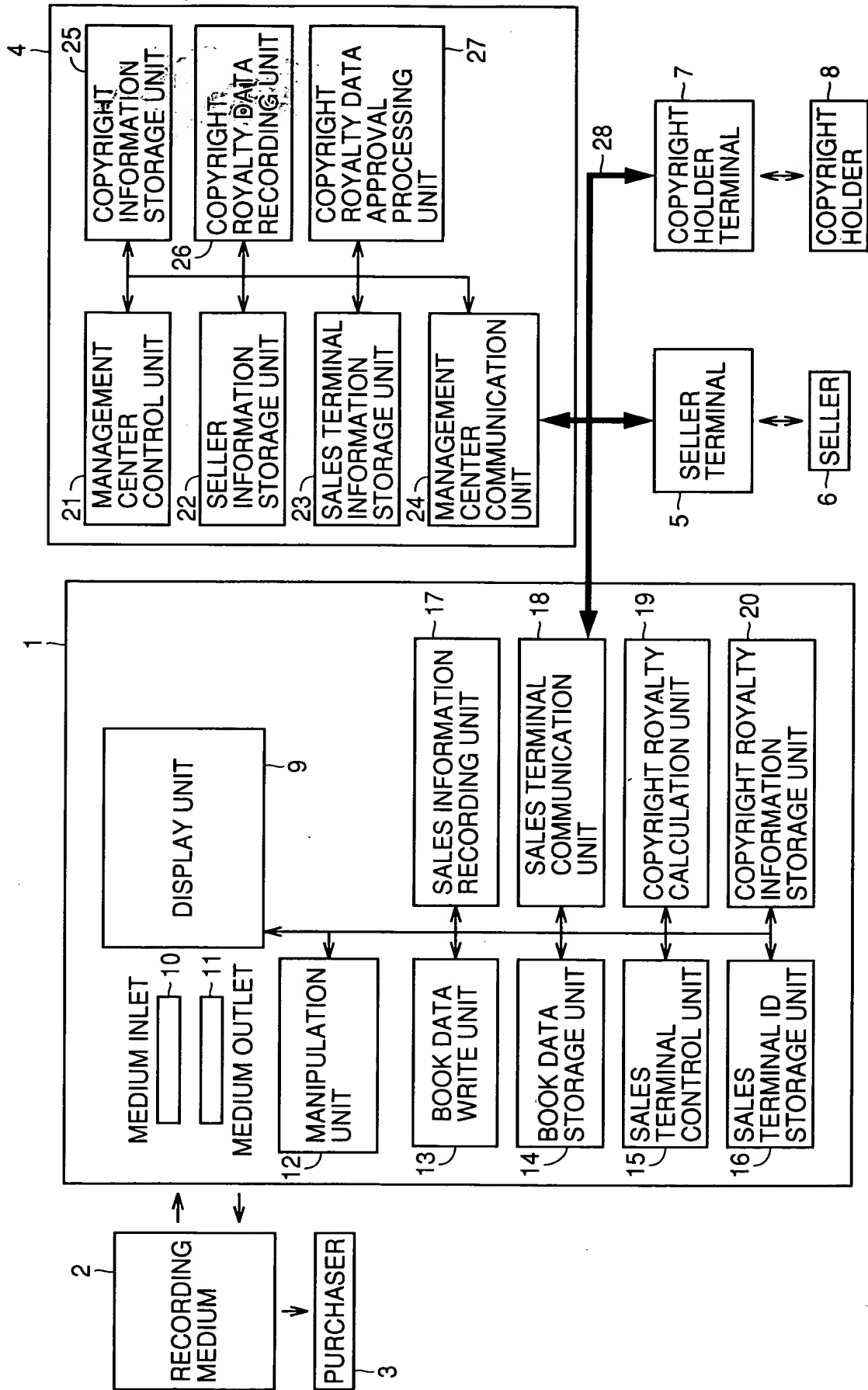


FIG.2

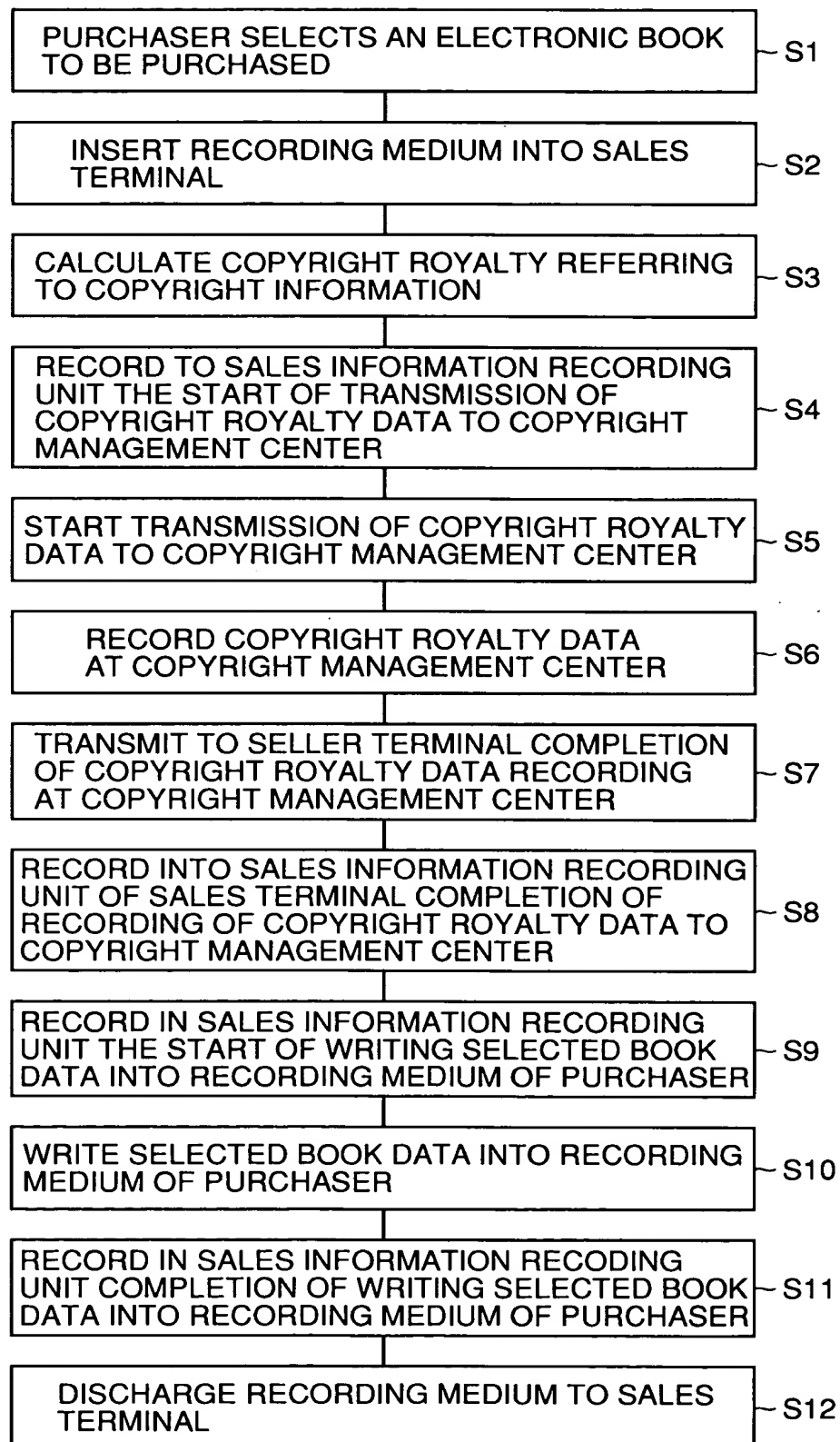


FIG.3A

BOOK 1-ID
DOCUMENT INFORMATION 1
COPYRIGHT HOLDER A-ID
COPYRIGHT ROYALTY INFORMATION A1
BOOK DATA A1

FIG.3B

BOOK 2-ID
DOCUMENT INFORMATION 2
COPYRIGHT HOLDER A-ID
COPYRIGHT ROYALTY INFORMATION A2
BOOK DATA A2
COPYRIGHT HOLDER B-ID
COPYRIGHT ROYALTY INFORMATION B2
BOOK DATA B2
:

FIG.3C

BOOK 3-ID
DOCUMENT INFORMATION 3
COPYRIGHT HOLDER A-ID
COPYRIGHT ROYALTY INFORMATION A3a
BOOK DATA A3a
COPYRIGHT HOLDER A-ID
COPYRIGHT ROYALTY INFORMATION A3b
BOOK DATA A3b
:

FIG. 4

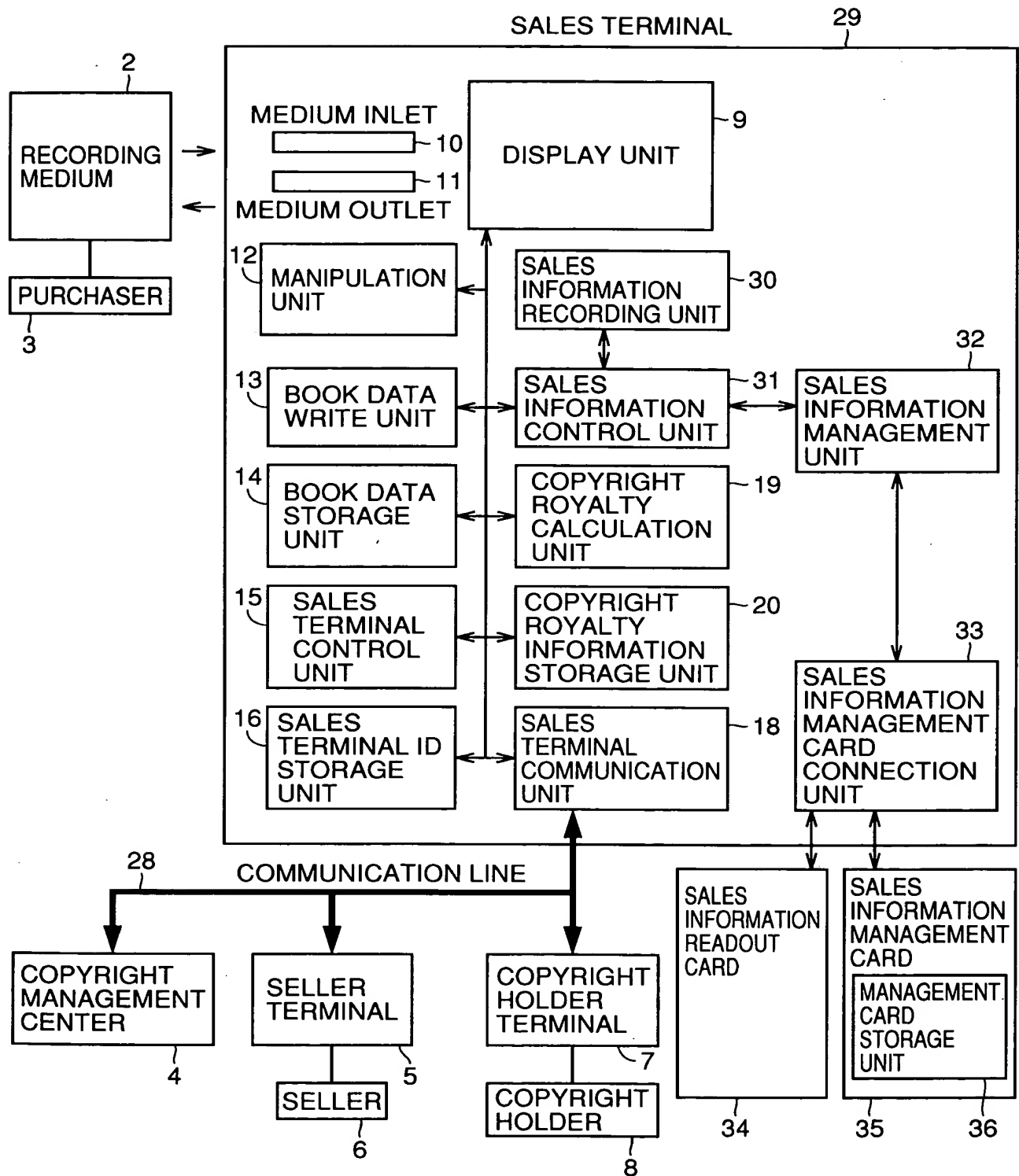


FIG.5

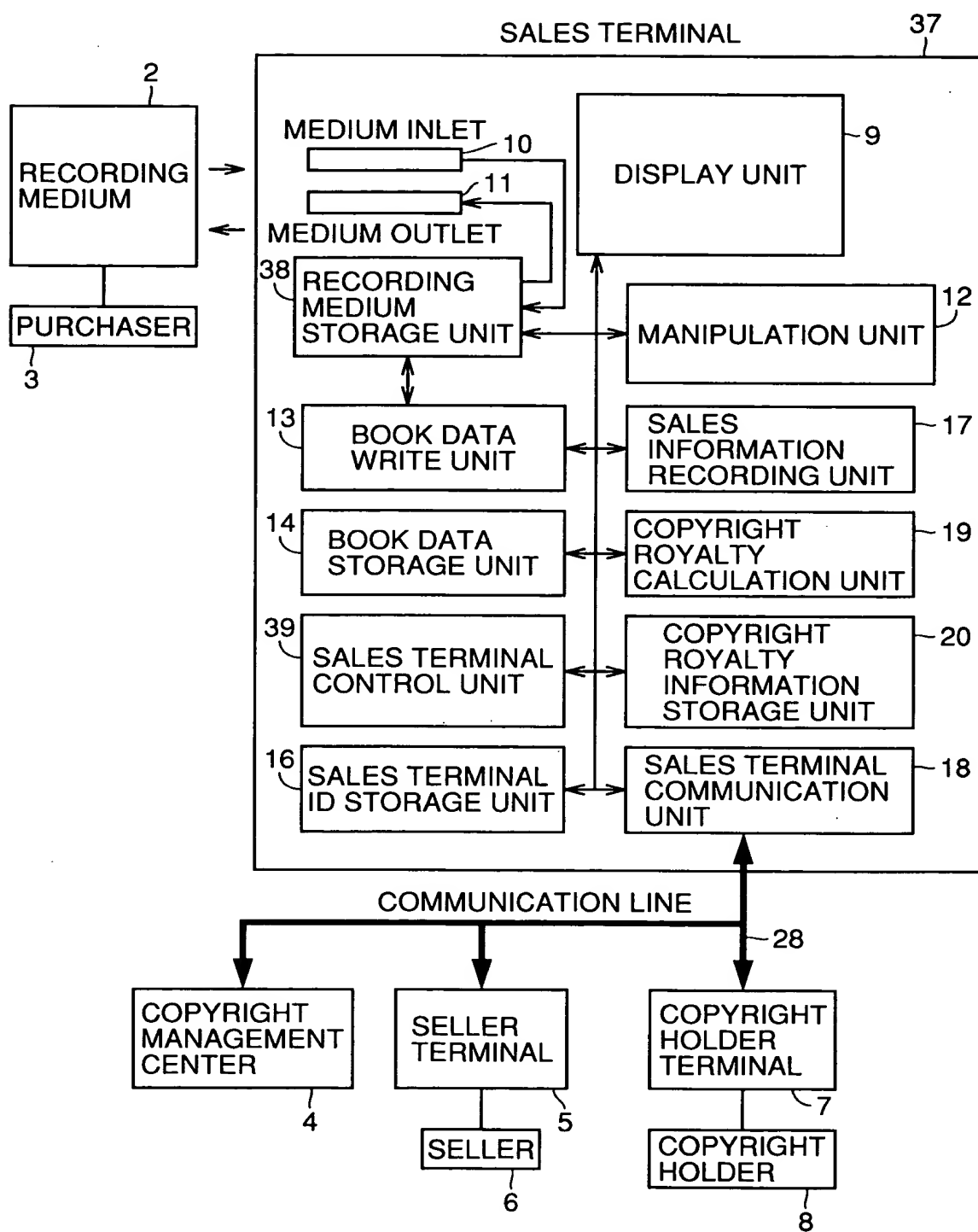


FIG. 6

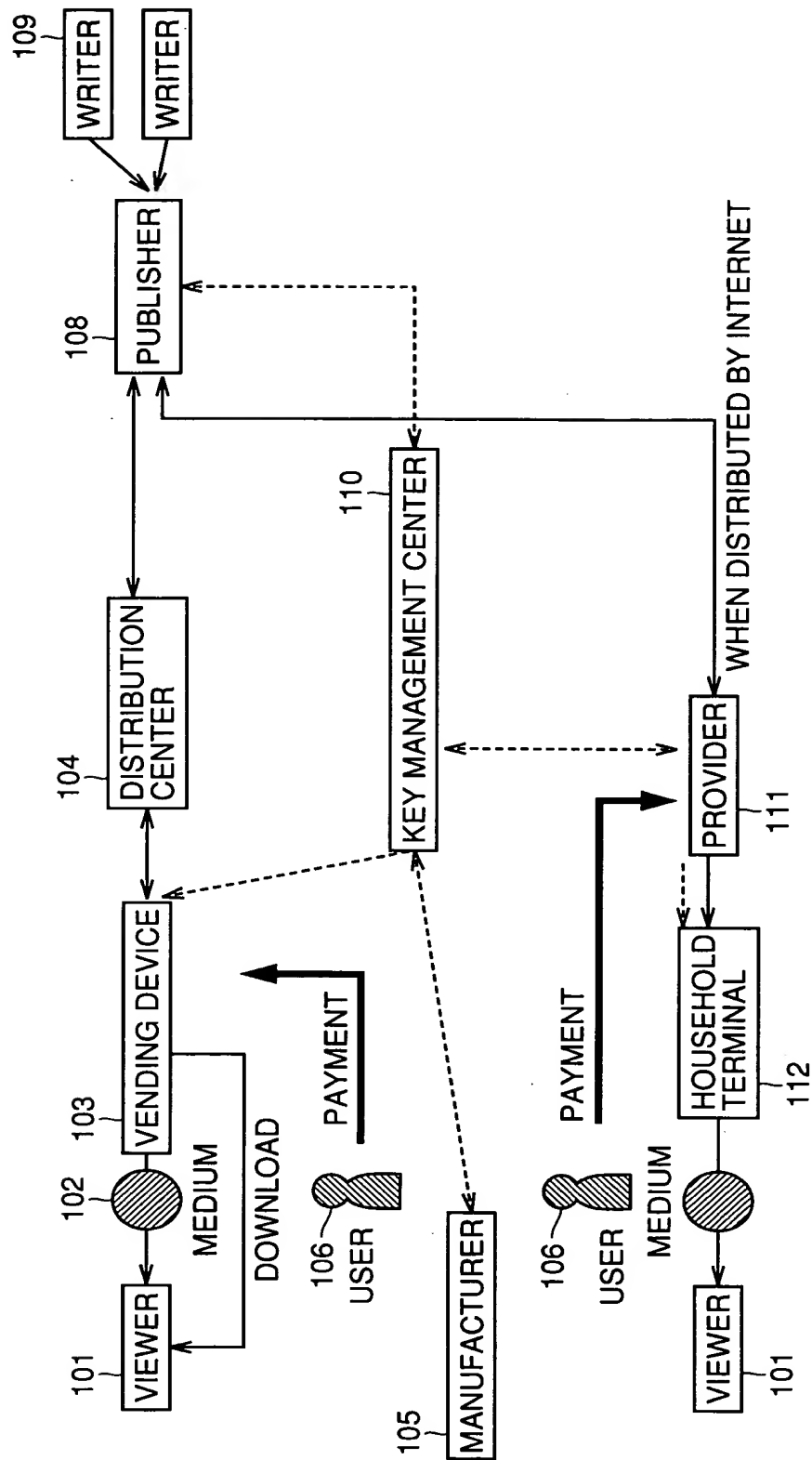


FIG. 7

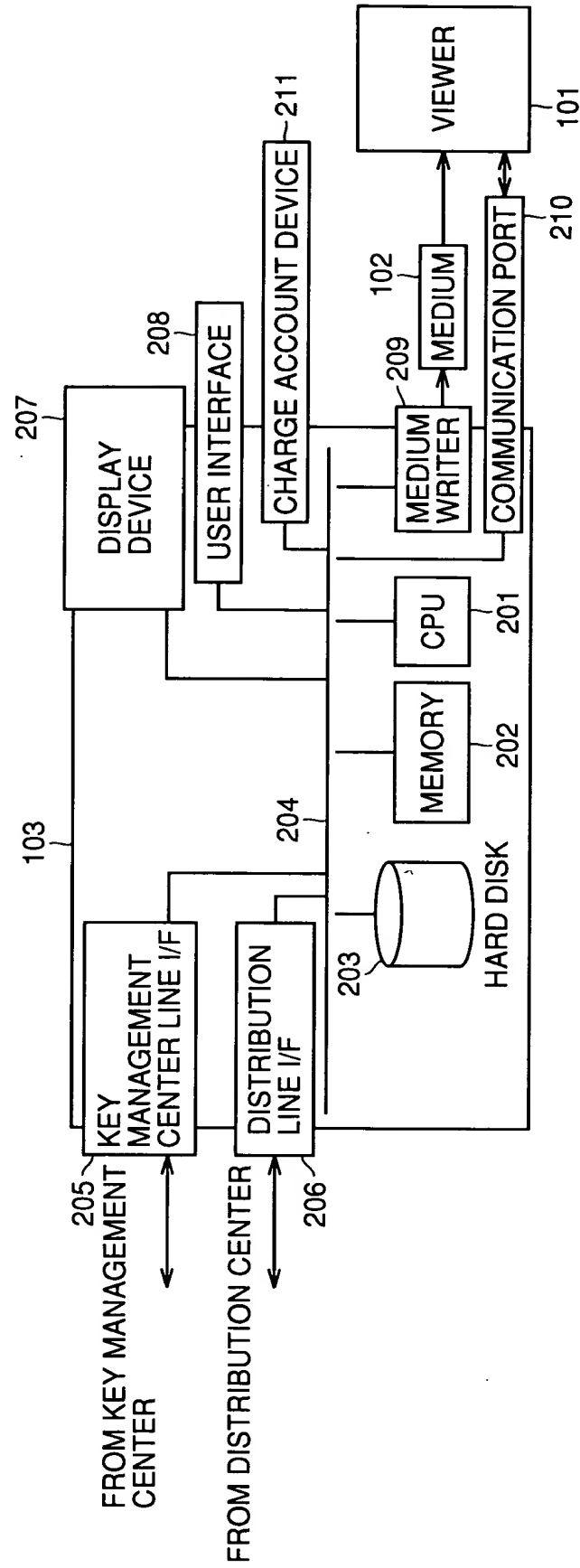


FIG. 8

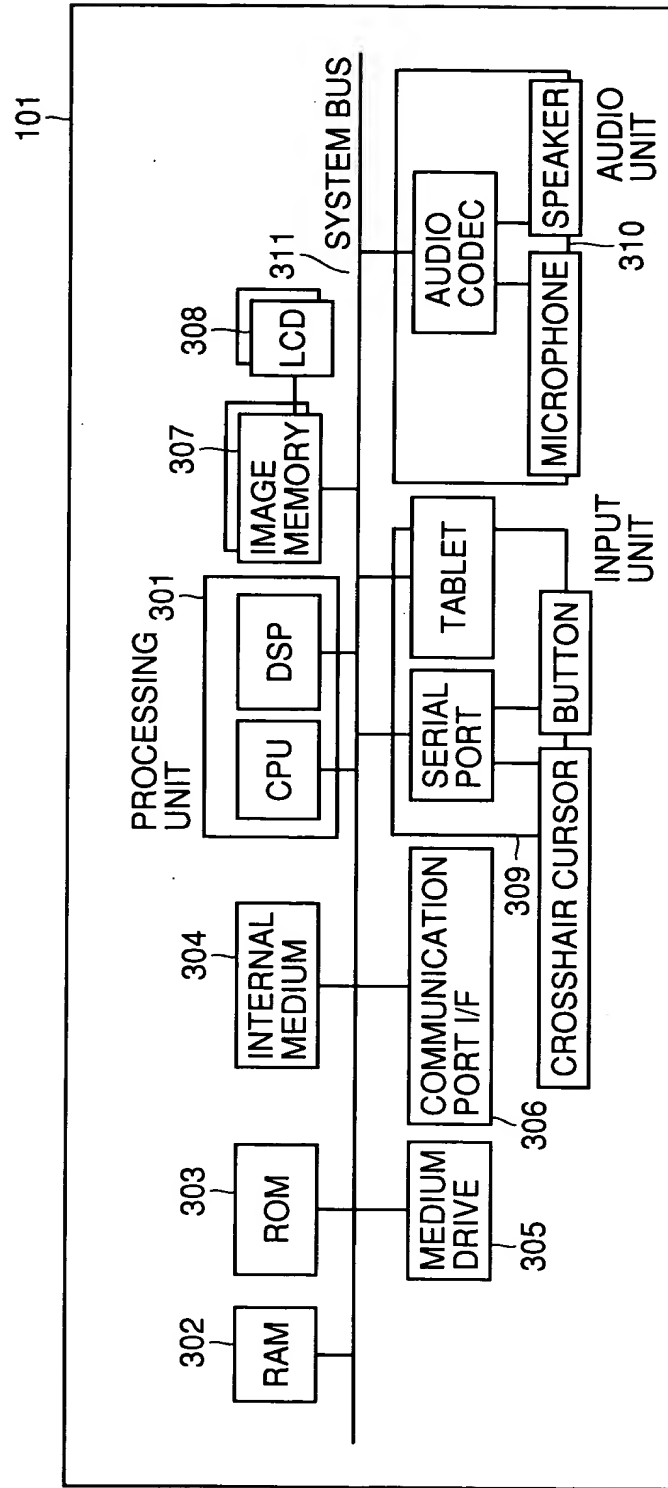


FIG. 9

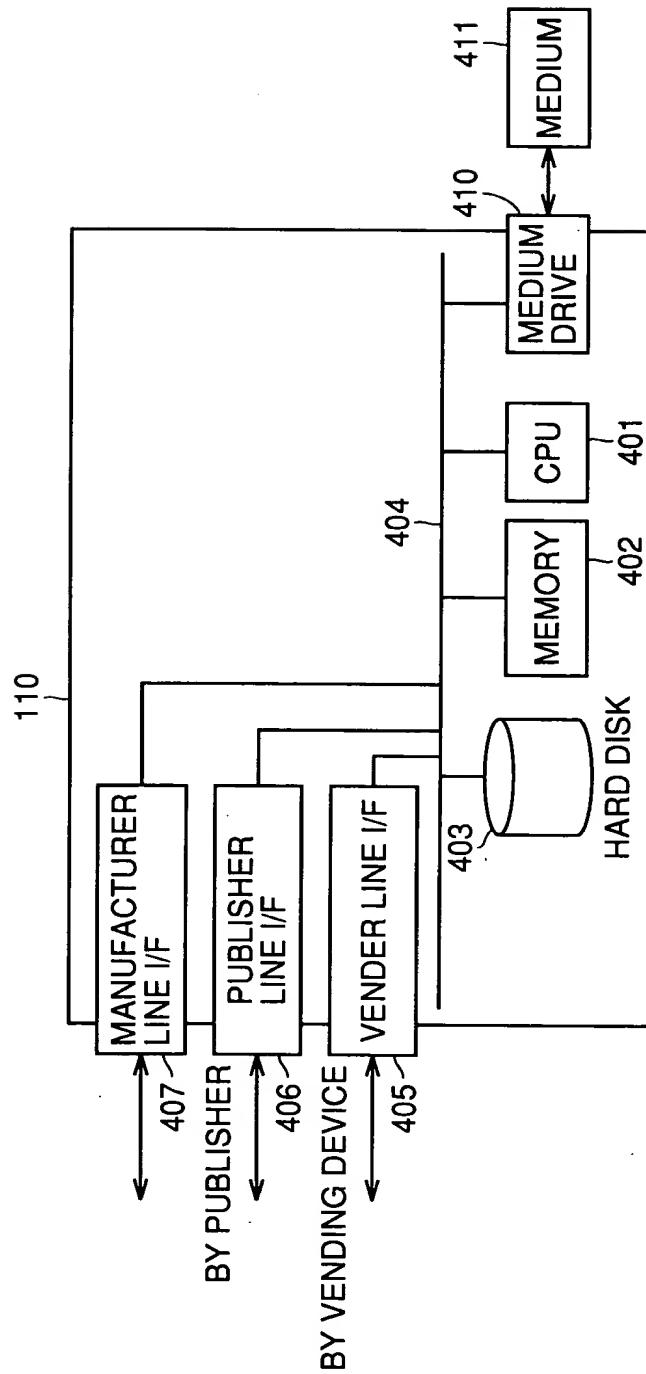


FIG. 10

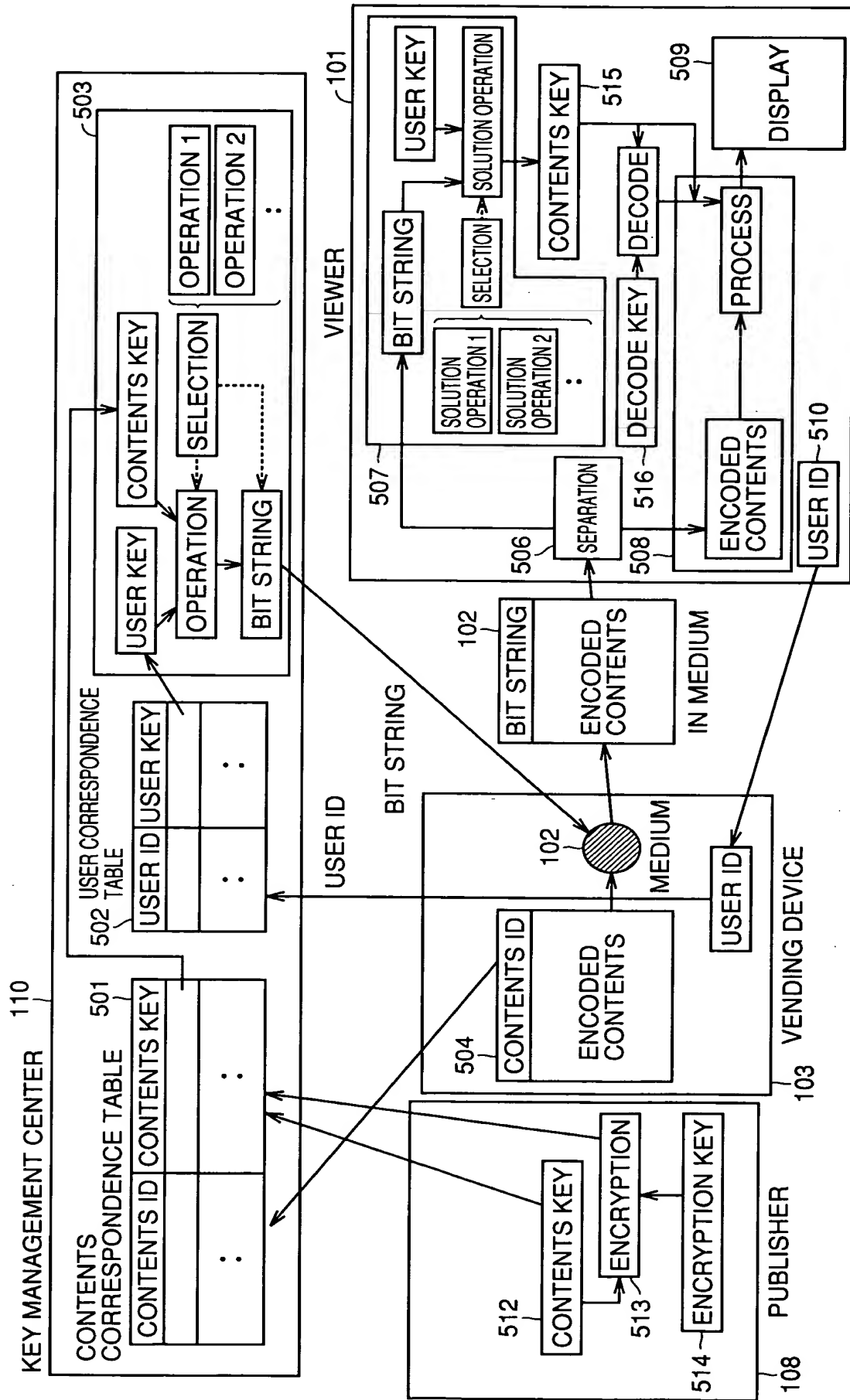


FIG. 11

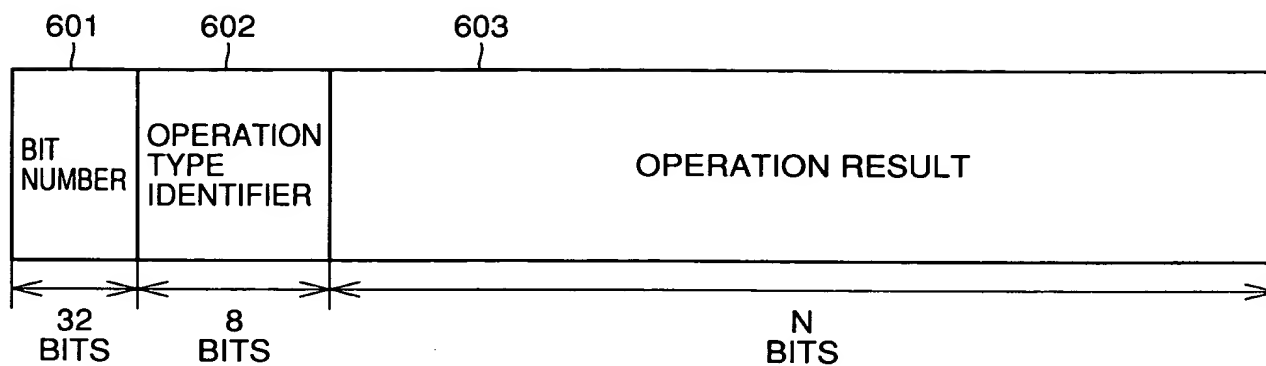


FIG. 12

504		1201	
CONTENTS CHARGE ACCOUNT INFORMATION		AMOUNT	CONTENTS ID
		100 YEN	CONTENTS ID1
200 YEN		CONTENTS ID2	
300 YEN		CONTENTS ID3	
400 YEN		CONTENTS ID4	
ENCODED CONTENTS			

FIG. 13

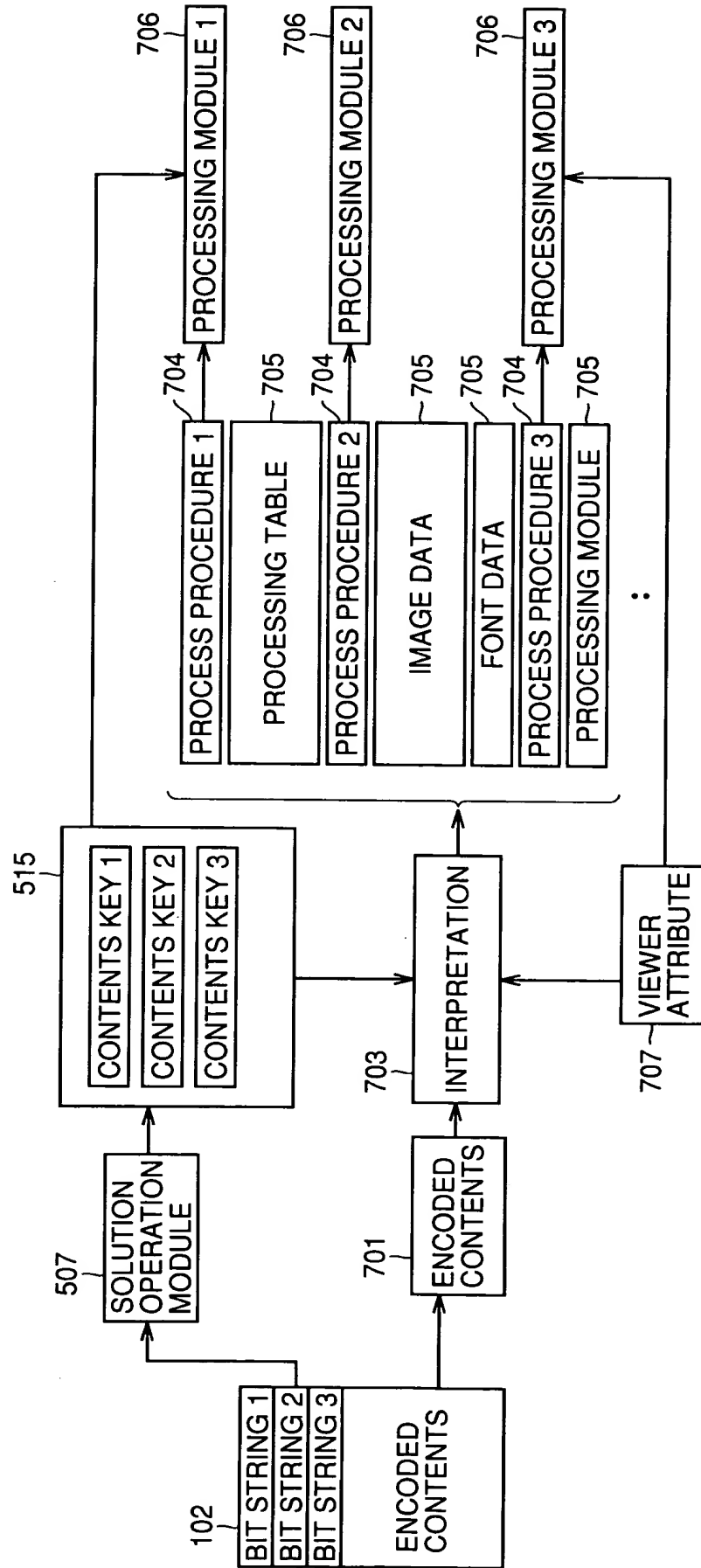
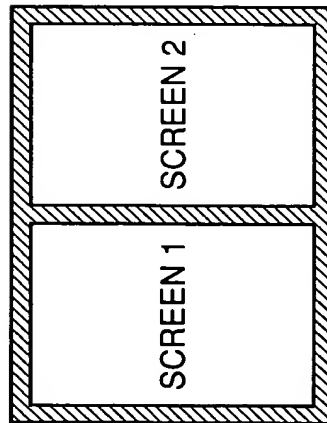
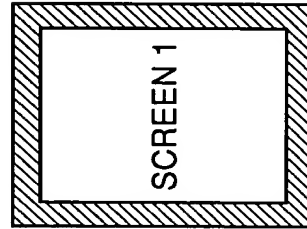


FIG. 14A



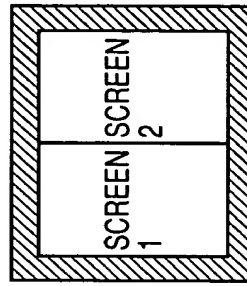
768X1024 PIXELS
MONOCHROME 8 TONES
USE 2 LCD PANELS

FIG. 14B



768X1024 PIXELS
MONOCHROME 8 TONES
USE 1 LCD PANEL

FIG. 14C



480X640 PIXELS
260,000 COLORS
USE 1 LCD PANEL

FIG. 14D

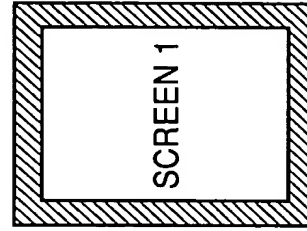


FIG. 15

DISPLAY FORMAT	NUMBER OF LCDs	LCD NUMBER OF PIXELS (X×Y)	LCD COLOR	DISPLAYED DIRECTION	NUMBER OF PAGES
(a)	2	768×1024	MONOCHROME 8 TONES	VERTICAL	1
(b)	1	768×1024	MONOCHROME 8 TONES	VERTICAL	1
(c)	1	768×1024	MONOCHROME 8 TONES	HORIZONTAL	2
(d)	1	480×640	260,000 COLORS	VERTICAL	1

FIG. 16

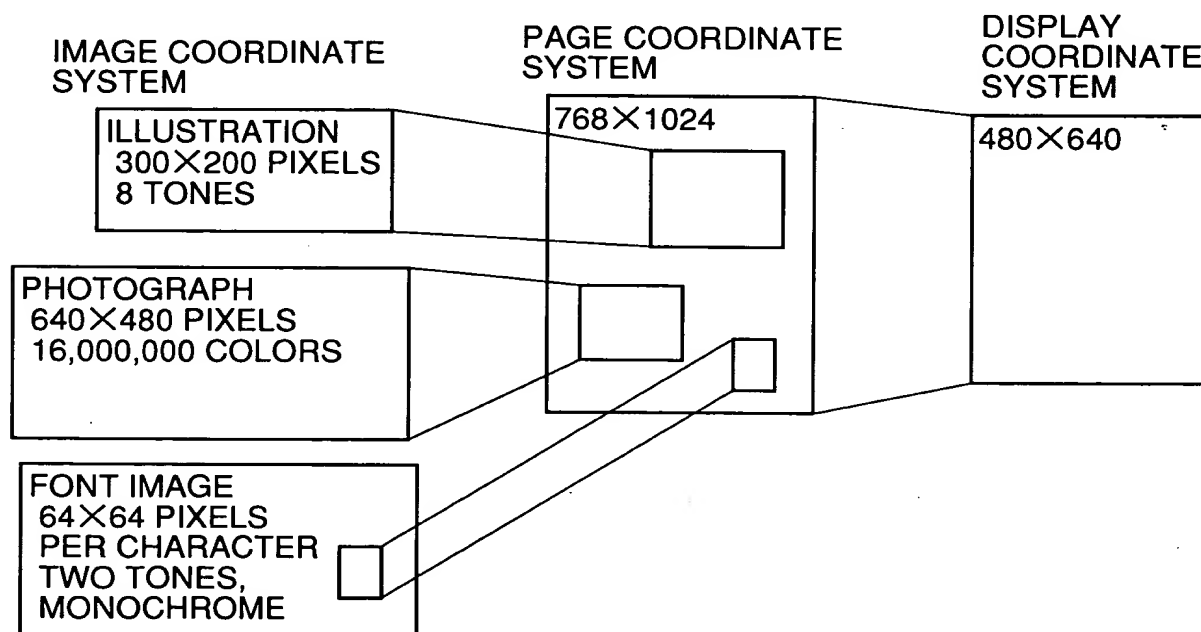


FIG. 17

IMAGE	IMAGE DATA STARTING DELIMITER	1002	STEP 1
1	IMAGE DATA ID NUMBER	1003	
MH	COMPRESSION METHOD IDENTIFIER OF IMAGE DATA	1004	
CONTENTS KEY 1	CONTENTS KEY TYPE USED FOR PROCESS	1005	
NONE	PROCESSING TABLE ID TO BE USED	1006	
ENCODED IMAGE DATA	COMPRESSED IMAGE DATA	1007	
/IMAGE	IMAGE DATA ENDING DELIMITER	1008	STEP 2
TABLE	PROCESSING TABLE STARTING DELIMITER	1009	
1	TABLE ID NUMBER		
CONTENTS KEY 2	KEY TYPE TO DECODE TABLE DATA		
TABLE DATA			
/TABLE	PROCESSING TABLE ENDING DELIMITER		
MODULE	MODULE PROCESSING STARTING DELIMITER		STEP 3
CAOS	MODULE NAME		
CONTENTS KEY 3	KEY TYPE TO DECODE MODULE DATA		
ENCODE PROCESS MODULE			
/MODULE	MODULE PROCESS ENDING DELIMITER		
PAGE	PAGE STARTING DELIMITER		
768	PAGE WIDTH IN PIXELS		STEP 4
1024	PAGE HEIGHT IN PIXELS		
IMAGE	IMAGE DATA STARTING DELIMITER		
2	IMAGE DATA ID NUMBER		
JBIG	COMPRESSION METHOD IDENTIFIER OF IMAGE DATA		
768X1024	NUMBER OF DISPLAYABLE PIXELS (xXy)		
CONTENTS KEY 2	CONTENTS KEY TYPE USED IN PROCESS		STEP 5
IMAGE DATA			
/IMAGE	IMAGE DATA ENDING DELIMITER		
IMAGE	IMAGE DATA STARTING DELIMITER		
2	IMAGE DATA ID NUMBER		
JBIG	COMPRESSION METHOD IDENTIFIER OF IMAGE DATA		
480X640	NUMBER OF DISPLAYABLE PIXELS (xXy)		STEP 6
CONTENTS KEY 2	CONTENTS KEY TYPE USED IN PROCESS		
ENCODED IMAGE DATA			
/IMAGE	IMAGE DATA ENDING DELIMITER		
IMAGE	IMAGE DATA STARTING DELIMITER		
3	IMAGE DATA ID NUMBER		
JPEG	COMPRESSION METHOD IDENTIFIER OF IMAGE DATA		STEP 7
CONTENTS KEY 3	CONTENTS KEY TYPE USED IN PROCESS		
ENCODED IMAGE DATA			
/IMAGE	IMAGE DATA ENDING DELIMITER		

FIG. 18

PUTIMAGE	IMAGE DRAW PROCESS STARTING DELIMITER
1	IMAGE DATA ID
1	ID NUMBER OF TABLE TO BE USED
1	ID NUMBER OF TABLE INTERNAL PROCESS
CONTENTS KEY 2	
0	SOURCE X COORDINATE X _{so}
0	SOURCE Y COORDINATE Y _{so}
100	SOURCE RECTANGLE WIDTH IN PIXELS DX _s
100	SOURCE RECTANGLE HEIGHT IN PIXELS DY _s
120	DESTINATION X COORDINATE X _{do}
150	DESTINATION Y COORDINATE Y _{do}
100	DESTINATION RECTANGLE WIDTH IN PIXELS DX _d
100	DESTINATION RECTANGLE HEIGHT IN PIXELS DY _d
/PUTIMAGE	IMAGE DRAW PROCESS ENDING DELIMITER
BLUR	IMAGE BLUR PROCESS STARTING DELIMITER
3	IMAGE DATA ID
CONTENTS KEY 4	
3	NUMBER OF SECONDS OF PROCESS START
1	TERM OF PROCESS REPETITION (SECONDS)
10	NUMBER OF REPETITIONS
3	BLUR RECTANGLE SIZE
100	SOURCE X COORDINATE X _{so}
100	SOURCE Y COORDINATE Y _{so}
64	SOURCE RECTANGLE WIDTH IN PIXELS DX
64	SOURCE RECTANGLE HEIGHT IN PIXELS DY
530	DESTINATION X COORDINATE X _{do}
540	DESTINATION Y COORDINATE Y _{do}
64	DESTINATION RECTANGLE WIDTH IN PIXELS DX _d
64	DESTINATION RECTANGLE HEIGHT IN PIXELS DY _d
/BLUR	IMAGE BLUR PROCESS ENDING DELIMITER
CAOS	CHAOS PROCESS STARTING DELIMITER
2	ID OF IMAGE DATA TO BE DRAWN
CONTENTS KEY 3	
0	SOURCE X COORDINATE X _{so}
0	SOURCE Y COORDINATE Y _{so}
100	SOURCE RECTANGLE WIDTH IN PIXELS DX
100	SOURCE RECTANGLE HEIGHT IN PIXELS DY
120	DESTINATION X COORDINATE X _{do}
150	DESTINATION Y COORDINATE Y _{do}
100	DESTINATION RECTANGLE WIDTH IN PIXELS DX _d
100	DESTINATION RECTANGLE HEIGHT IN PIXELS DY _d
10	NUMBER OF REPETITIONS
0.8	INITIAL VALUE A
3.8	PROCESS PARAMETER P
/CAOS	CHAOS PROCESS ENDING DELIMITER
:	
/PAGE	PAGE ENDING DELIMITER
PAGE	
:	
/PAGE	

STEP 8

STEP 9

STEP 10

FIG.19

PROCESS ID	MAGNIFICATION PROCESS	SHRINK PROCESS	RECUDING NUMBER OF COLORS
1	EDGE ENHANCEMENT AFTER BI-LINEAR INTERPOLATION	SIMPLE SHRINK	BIT SLICE
2	SIMPLE MAGNIFICATION	SIMPLE SHRINK	ERROR DIFFUSION
3	BI-LINEAR INTERPOLATION	BI-LINEAR INTERPOLATION	BIT SLICE

FIG.20

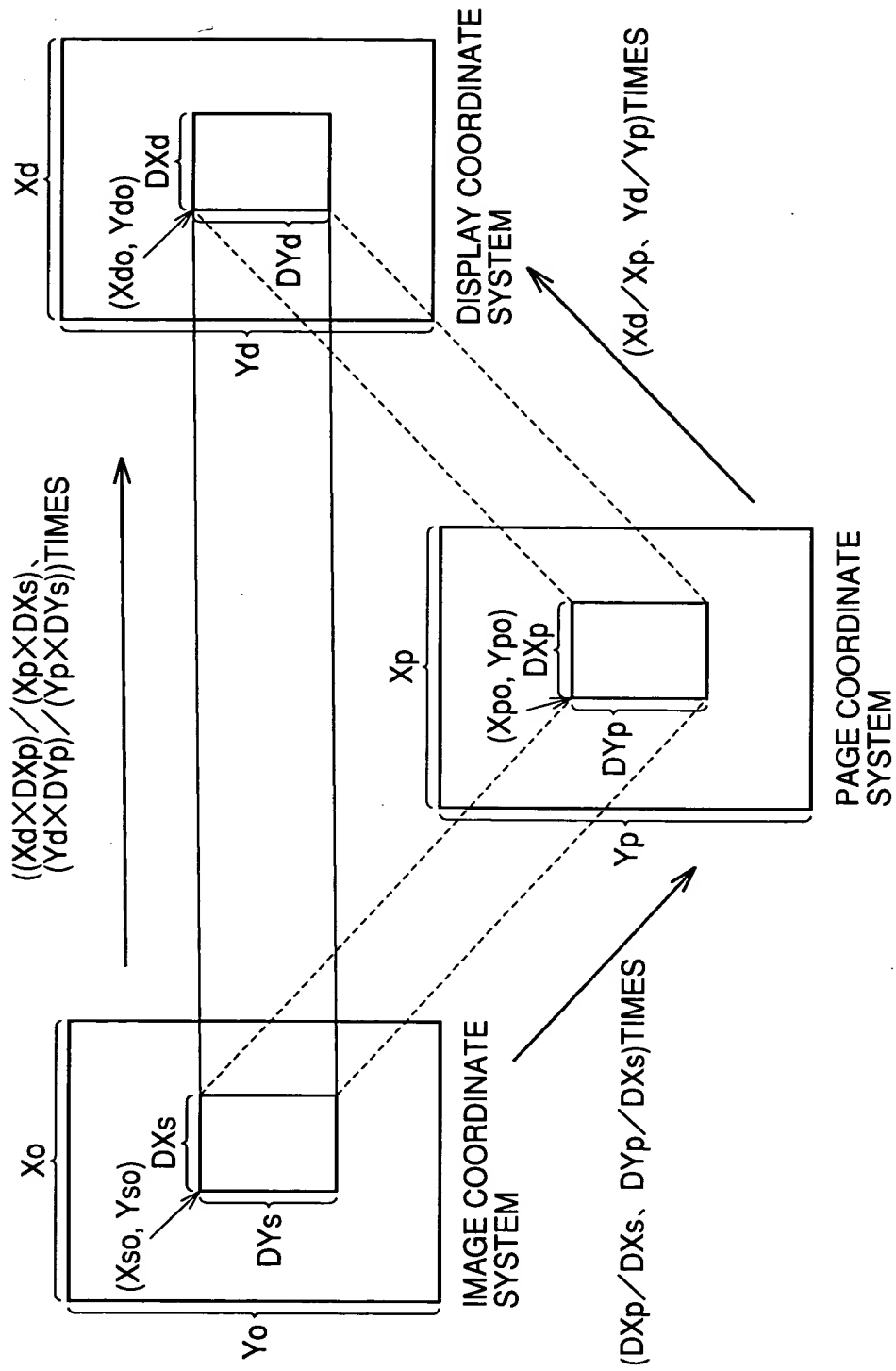


FIG.21

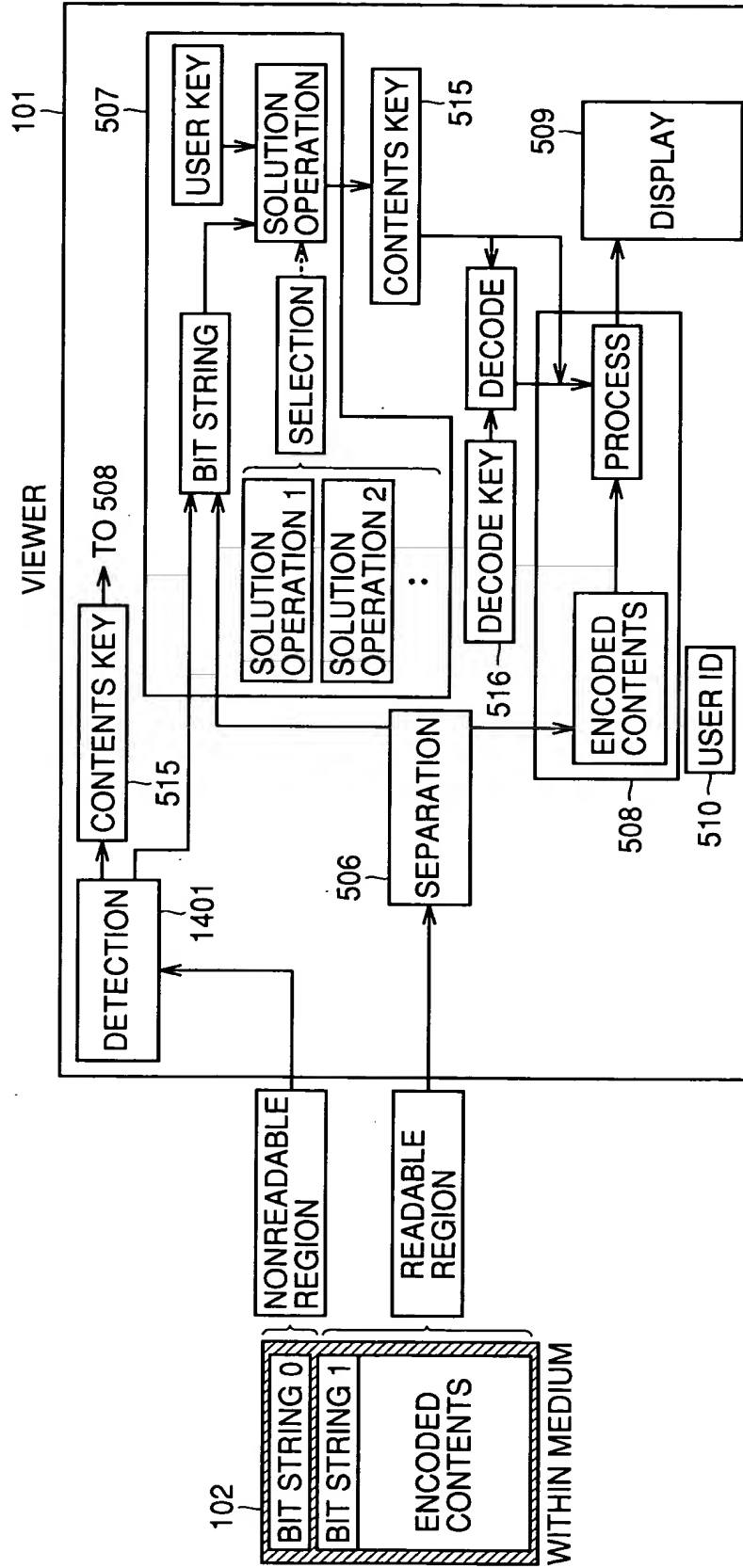


FIG.22A

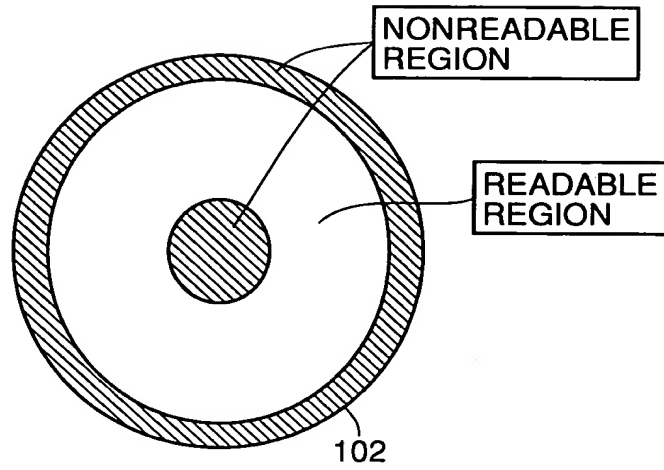


FIG.22B

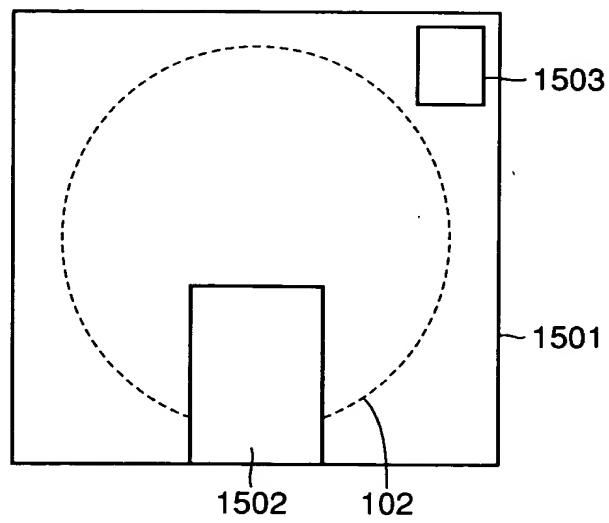


FIG.23

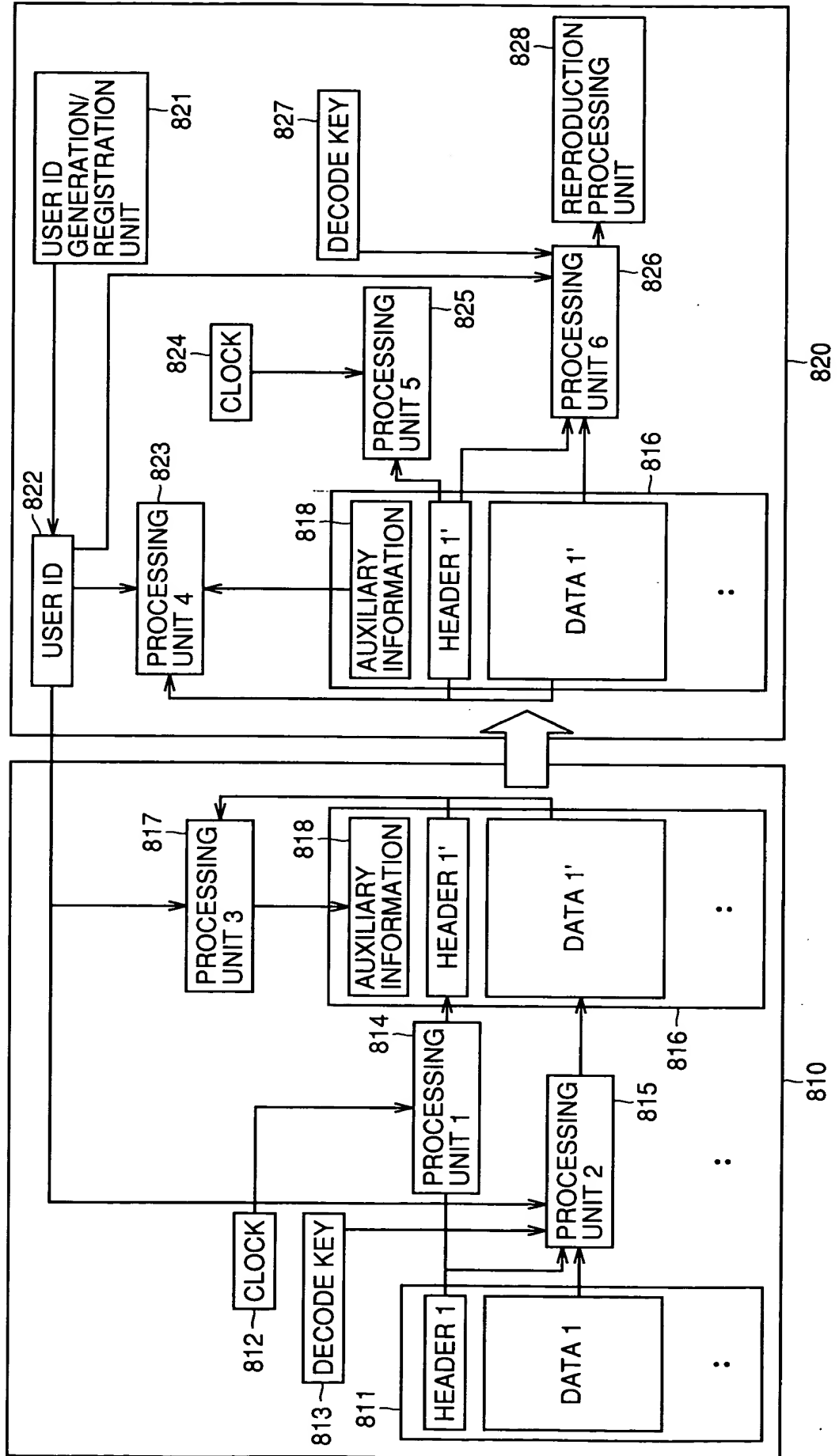


FIG.24

